**EMPLOYMENT**

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| **December 2014 – Present** | **VideoBlocks** | **Reston, VA** |

Sr. Software Engineer

* Collaborated on infrastructure migration from a managed hosting platform to AWS
* Designed, implemented, and managed infrastructure in AWS for our core web applications and microservices
* Lead engineer for development of an internal PHP framework
* Lead engineer for RESTful interface design and implementation
* Implemented features in our core product which affected the home page, search results, and the shopping cart experience
* Updated development environments from a local installation to Vagrant and then Docker
* Built an event management service within in our PHP framework and an event consumer framework using AWS components
* Built automation tools using Ansible and Jenkins with a Hubot interface and Slack integration

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| **July 2012 – November 2014** | **Capital One** | **Richmond and Vienna VA** |

Software Engineer

* Designed and implemented SOAP and RESTful middleware using Jersey and Spring frameworks
* Implemented 2-way SSL between an internal portal and an API sandbox
* Built a system to manage a cluster of Wiremock instances to provide extensible stubbing for APIs on the developer portal.
* Designed, managed, and automated processes to publish static Swagger specs
* Lead for college hire technical interviews

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| **June 2011 – August 2011** | **Capital One** | **Richmond, VA** |

IT Intern

* Developed relationships between applications, VMs, and servers within a CMDB
* Designed and implemented server patching automation scripts in Windows and Linux environments

**EDUCATION**

**Vanderbilt University -** Bachelor of Engineering -Computer Engineering and Engineering Management  **May 2012**

**TECHNICAL SKILLS AND EXPERIENCE**

# Front End

# Frameworks: AngularJS, Bootstrap

# Back End

# Languages: PHP, NodeJS, Java

# Scripting: Unix, Bash, Korn, Python, Ruby

**Databases:** MySQL, PostgreSQL

# Development Tools

# VCS: Git, Subversion

# Build: Composer, npm, Maven, Ant, make, grunt, gulp

# Design

# Adobe: Photoshop, Illustrator

# Open Source: GIMP, Inkscape

# Web Services

# Servers: Weblogic 11g, Apache, Jetty, Tomcat, Nginx

# Frameworks: OSB, JAX-WS, Jersey, Spring

# DevOps

# AWS: EC2, RDS, S3, CloudFront, Route53, API Gateway, RDS, SQS, Redshift, Kinesis

# Automation: Ansible , Chef, Vagrant, Jenkins

# Containers: docker , docker-compose, docker-machine